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From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>
Errors-To: Ham-Ant-Errors@UCSD.Edu
Reply-To: Ham-Ant@UCSD.Edu
Precedence: Bulk
Subject: Ham-Ant Digest V93 #107
To: Ham-Ant

Ham-Ant Digest Thu, 11 Nov 93 Volume 93 : Issue 107

Today's Topics:

Archery Advice for Antenna Raising
Discones & Polarization
Fixed antennas for satellite work.
How do I broadcast? (2 msgs)

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 10 Nov 93 19:11:50 GMT
From: ogicse!hp-cv!sdd.hp.com!hpscit.sc.hp.com!paulz@network.ucsd.edu
Subject: Archery Advice for Antenna Raising
To: ham-ant@ucsd.edu

I have used the sling-shot method for putting up wire antennas on numerous
occasions. Fortunately, the state of California has not outlawed sling
shots (yet).

1. First you want a Wrist Rocket or similar sling shot that has a brace
against the forearm.
2. Second an open-face spinning reel. Mine was \$0.50 at a rummage sale.
3. Two small hose clamps complete the assembly.
4. Recommendations from other people, which I found reasonable, is to
use 4 lb mono-filament fishing line. It is a reasonable compromise between

too heavy and too weak.

5. I use 2.5 ounce sinkers that are shaped as flat disks. I had too many 1 and 2 ounce weights get stuck in trees. They don't have enough weight to pull the string over rough branches. This is especially likely to happen if the string happens to rub in more than one place. The flat shape fits nicely in the pouch of the sling shot.

Practice in an open area first. Also practice with some stones or other "disposable" weights.

With the above, I can put the line over branches as high as 50 feet. A lighter weight would go higher, but see #5 above. If a tree is relatively open, then aim for a specific branch. If the tree has a lot of branches going in all directions, just go over the top of the whole thing.

At one Field Day, someone else brought a compound bow, etc. He was also experienced in its use. He could put the line > 100 feet up. A series of heavier cords and ropes was then pulled up until a tri-band beam was suspended by a line between the tops of two trees.

73,

Paul AA6PZ @ N0ARY-1.#NOCAL.CA.USA.NA

Date: 11 Nov 93 03:06:40 GMT

From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!

usenet.ins.cwru.edu!magnus.acs.ohio-state.edu!gratclif@network.ucsd.edu

Subject: Discones & Polarization

To: ham-ant@ucsd.edu

nope. Discones are vertically polarized.

there are few single feed antennas that are circular.

If you are thinking about doing one of the ao's,

then don't sweat it the downlink is circular.

(you only need one side to be circular to eliminate fading)

greg

--

Gregory W. Ratcliff Ratcliff.8@osu.edu on the internet

Columbus, Ohio ICBM

nz8r@w8cqq on the air

N1697X in the air

Date: 10 Nov 93 14:43:12 GMT
From: news-mail-gateway@ucsd.edu
Subject: Fixed antennas for satellite work.
To: ham-ant@ucsd.edu

What, if any, fixed antennas would work best for satellite work?

I'm interested in working some of the 2-meter/440 stuff.

73
Harvey, N1PHP
hsattin@necotech.com

Date: 9 Nov 93 00:04:55 GMT
From: organpipe.uug.arizona.edu!news@uunet.uu.net
Subject: How do I broadcast?
To: ham-ant@ucsd.edu

what is the best way to broadcast on am or fm without getting in trouble
with the FCC. our school is so lame the only radio station it has is
using cable television to cablecast. so how can i broadcast-what sorts of
equipment do i need?
todd

Date: Tue, 9 Nov 1993 16:13:07 GMT
From: swrinde!cs.utexas.edu!howland.reston.ans.net!darwin.sura.net!
fconvx.ncifcrf.gov!fcs260c!mack@network.ucsd.edu
Subject: How do I broadcast?
To: ham-ant@ucsd.edu

In article <2bmmr7\$nbv@organpipe.uug.arizona.edu> todd@goat.geo.arizona.edu (todd)
writes:

>what is the best way to broadcast on am or fm without getting in trouble
>with the FCC. our school is so lame the only radio station it has is
>using cable television to cablecast. so how can i broadcast-what sorts of
>equipment do i need?
>todd

There is some power limit (very small, maybe 100mw,) that you can transmit
on without getting into trouble with the FCC (you can buy things at radio shack
that I guess are legal because they're selling them), but unless you check
out what you're doing, you could be in a lot of legal trouble. In principle

you can't transmit unless you have an FCC license.

Joe NA3T
mack@ncifcrf.gov

End of Ham-Ant Digest V93 #107

